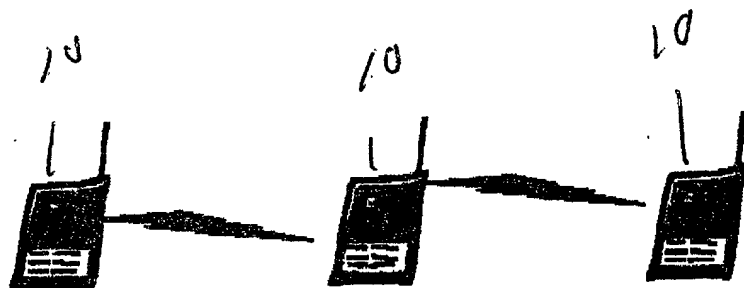


a) Direct communication



b) Indirect communication

Figure 1, Basic Ad Hoc communication

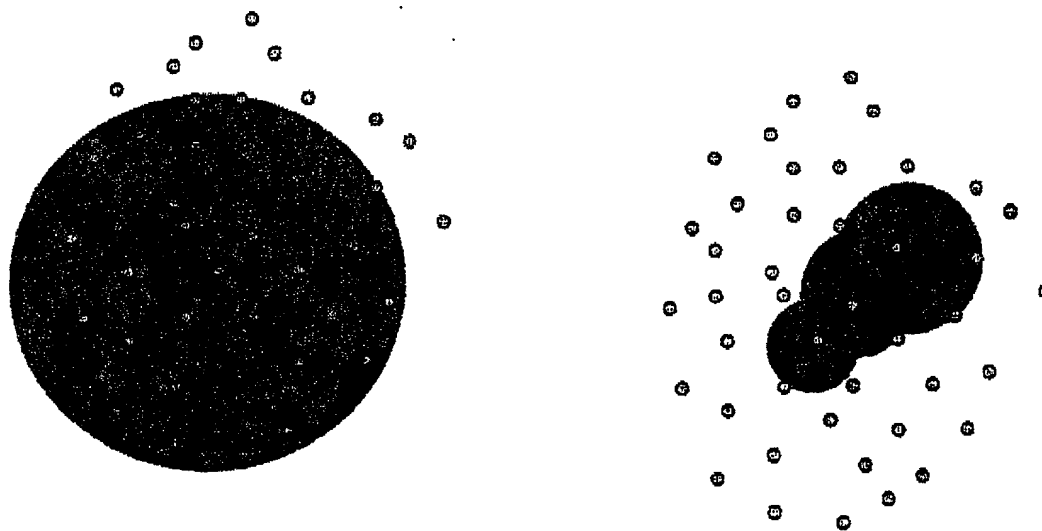


Figure 2, Example of least energy Routing

EXPRESS MAIL CERTIFICATE NO. EL759625252US

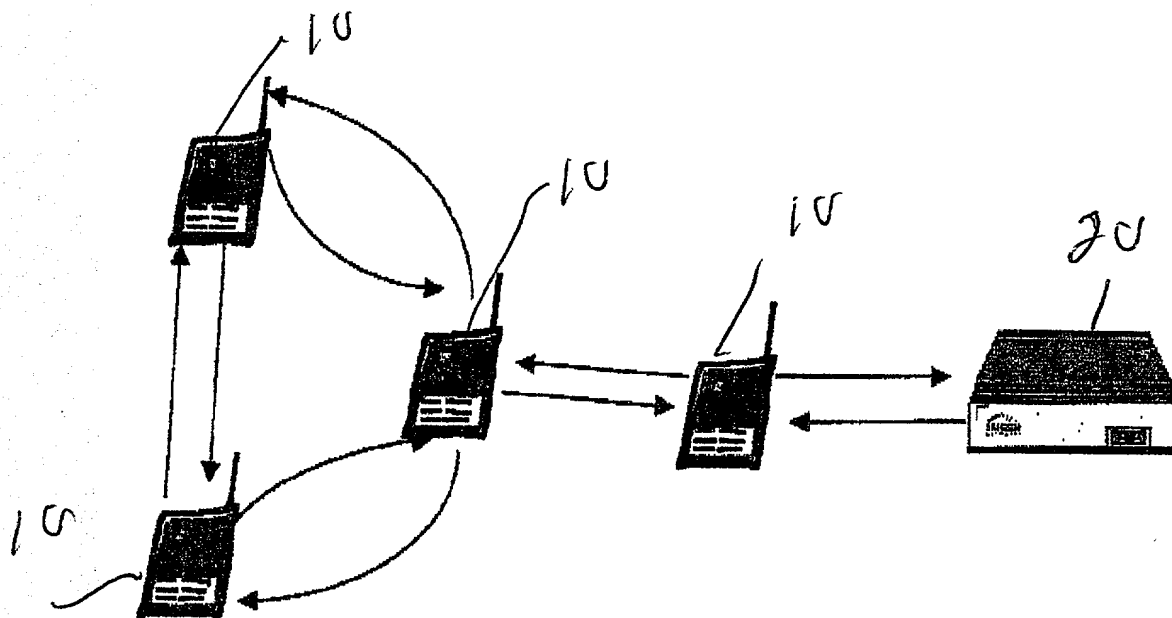


Figure 3: Exchange of routing tables

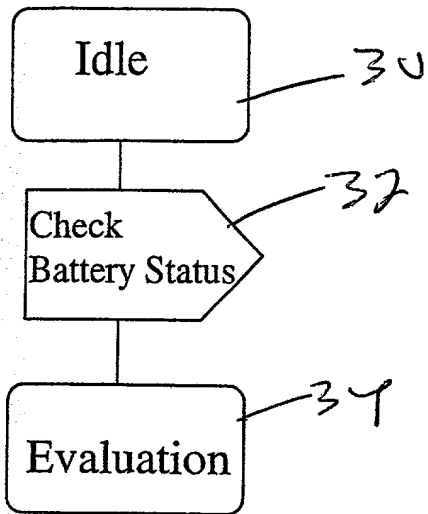


FIG. 4A

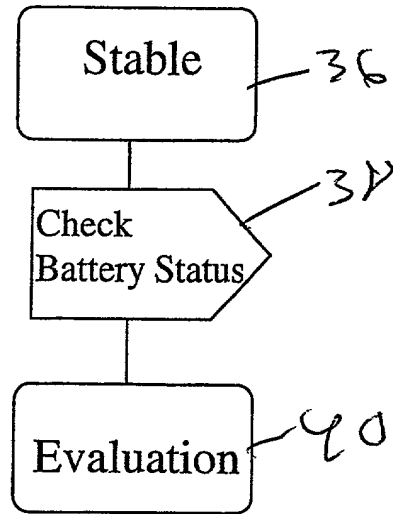


FIG. 4B

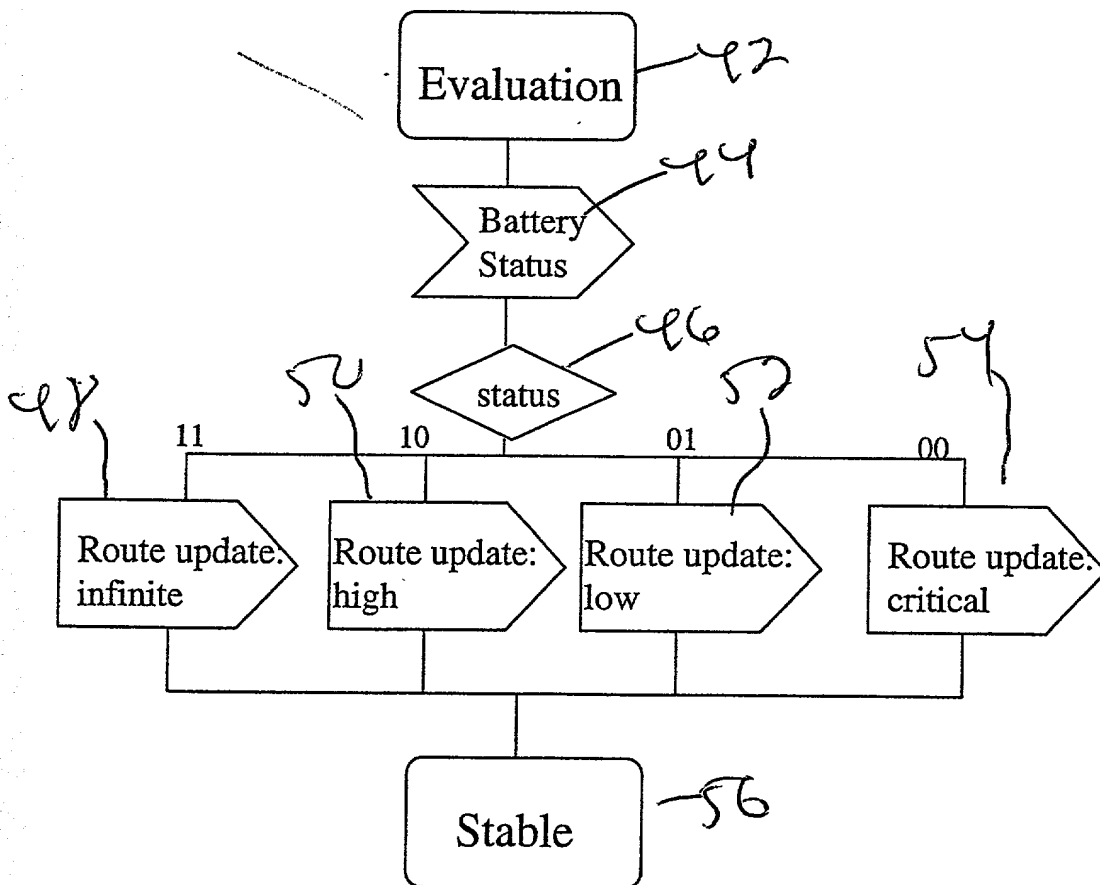
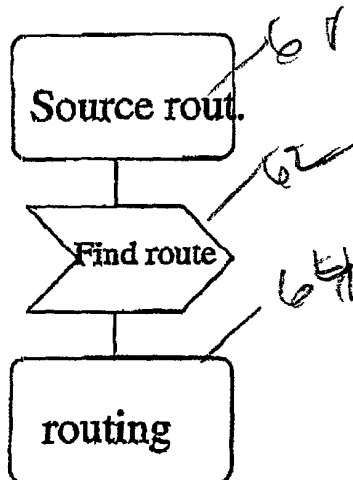


FIG. 5

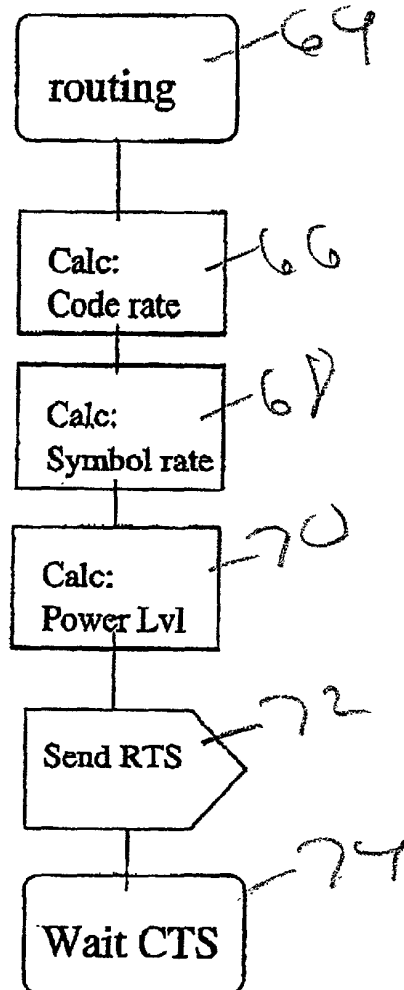
FROM : MILTON S GERSTEIN

PHONE NO. : 773 3388467

Feb. 15 2001 02:49PM P5



PSG.6



PSG.7

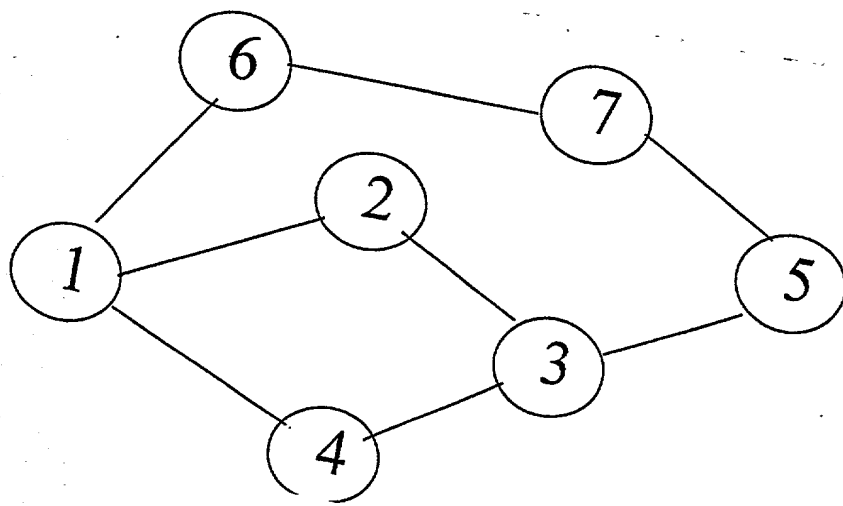


FIGURE 8